



SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

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Program Manager

SOF WARRIOR
PM – SURVIVAL,
SUPPORT, AND
EQUIPMENT
SYSTEMS

SOF WARRIOR

PM-SOF SSES



- Plan, Develop, Acquire, Test, Field, and Sustain/Improve USSOCOM Survival, Support and Equipment Systems
- SSES Mission Areas:
 - Survivability Systems
 - Individual Equipment Systems
 - Tactical Medical Systems
 - Special Programs
- Cradle to Grave Responsibility



SOF WARRIOR

ACQUISITION PHILOSOPHY



- Continued enhancement of the special operator's performance in eleven core activities through the evolutionary modernization of mission unique survival, support, and equipment systems
 - Fully integrated in the requirements /development process
- Evaluate Service Common / Commercial / Indigenous Material Solution
 - Reduced Weight and Bulk
 - Improve Personal Signature Management
 - Increased Comfort and Durability
 - Reduced Cost
 - Increase Performance
 - Integrate System Capabilities

Trade Space
Design Optimization

SURVIVABILITY AND INDIVIDUAL EQUIPMENT PORTFOLIO



- Body Armor
 - Ballistic Plates (Hard Armor)
 - Soft Armor Inserts



- Environmental Protection
 - PCU Levels 1-7, 9
 - Modular Glove System



- Mobility
 - Back Packs
 - Body Armor Vests
 - Load Carrying Systems



- Communications
 - Headsets/Hearing Protection









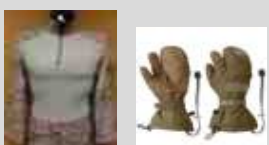

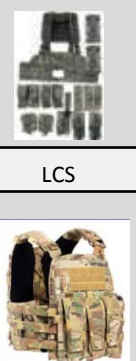




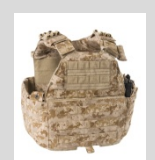


- Helmets/VAS
 - Ballistic Helmets
 - SOF Operator Eye Protection
 - VAS Mounts



SOF WARRIOR

PM-SOF SSES – PROTECTION “TODAY”



	Environmental Protection	Ballistic Protection	Mobility	Helmets/ VAS Mounts	Communication Equipment	
USASOC	 <p>MultiCam</p> <p>PCU 8 Levels</p>	 <p>MSAP</p>	 <p>Backpacks</p>		 <p>Wilcox Helmet Mount</p>	 <p>Silynx Headset (except AFSOC)</p>
AFSOC	 <p>AOR 1 and 2</p> <p>Swoop Glove</p>	 <p>SOEP</p> <p>SPD-G2 Soft Armor</p>	 <p>LCS</p> <p>AVS</p>		 <p>OpsCore FAST</p>	 <p>Peltor Headset</p>
NSW	 <p>MGS</p>	 <p>Stand-Alone Swimmer GEN IV Plate</p> <p>GEN IV Plate</p>	 <p>MMAC</p>		 <p>Norotos Helmet Mount</p>	 <p>Sordin, Invisio and Source of Sound Headsets</p>
MARSOC						

CAPABILITY AREAS OF INTEREST



- Communications headsets
 - More natural hearing without sacrificing other capabilities
 - Wireless headsets
 - Less overt and low noise
- Textiles
 - Hot Weather/Jungle Environments
 - Reduction in number of layers of PCU without sacrificing capability
 - Incorporation of advancing signature requirement capabilities



SOF WARRIOR

CAPABILITY AREAS OF INTEREST



- Ballistic Protection (torso/head/eye)
 - Lighter weight same performance requirements or increased protection with the same weight



- Laser Eye Protection
 - Clear lens (90% Visible Light Transmission) that meets current laser requirements and is capable of transitioning from light to dark.



TACTICAL COMBAT CASUALTY CARE (TCCC)



- Capability for far-forward austere trauma care to sustain wounded personnel until reaching forward surgical care.
 - Self-aid / buddy-aid
 - SOF medic aid
 - Casualty management and extended care during Casualty Evacuation (CASEVAC)



Operator Kit



Medic Kit

CASEVAC SET



- Provides advanced materiel capabilities required to rescue, recover, sustain and transport trauma casualties from point of wounding through all phases of CASEVAC until transfer to definitive care facility.



ACQUISITION PHILOSOPHY



- Continued enhancement of SOF medical capabilities to treat battlefield injuries and fulfill gaps for trauma care
- Modernization of current configurations to enhance capabilities and ensure consistency with changes to TCCC guidelines and protocols
- Evaluation and development of medical solutions:
 - Reduce size and weight
 - Modular, mission selectable
 - Multifunctional
 - Extended mission duration
 - Micronized universal power supply

TCCC ROADMAP



FY	14				15				16				17				18				19				20			
	QTR	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
Configuration Control Consistent with TCCC Guidelines, BISC, CoTCCC, SGO and Components	[Sustained Activity]																											
Operator Kits	[Sustained Activity]																											
SOF Operator Kit	Sustainment / Modernization Through Sustainment Product Improvements																											
Medic Kits	[Sustained Activity]																											
SOF Medic Kit	Sustainment / Modernization Through Sustainment Product Improvements																											
CASEVAC SET	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>Re-compete</p> <p>Fielding → IOC ▲</p> </div> <div style="text-align: center;"> <p>Award ▲</p> </div> <div style="text-align: center;"> <p>FIELDING</p> </div> <div style="text-align: center;"> <p>FOC ▲</p> </div> </div>																											
Fielding Timeline	Sustainment / Modernization Through Sustainment																											
CASEVAC RDT&E	<div style="display: flex; justify-content: space-around;"> ▲ ▲ ▲ ▲ ▲ ▲ ▲ </div>																											
Standardization of AWR Process	[Sustained Activity]																											
Med Miniaturization (RDT&E)	Miniaturization																											
Medical Testing (RDT&E)	RDT&E Testing																											
Med Tech Air Worthiness (RDT&E)	Air Worthiness Testing																											
Adv Med Packaging (RDT&E)	Medical Packaging																											

CAPABILITY AREAS OF INTEREST



- Damage Control Resuscitation: Emphasis on medical techniques and materiel for optimal triage and early intervention in life-threatening battle injuries when CASEVAC is not possible.
 - Global Treatment Strategies
 - Vital Signs Monitoring
 - Analgesia
 - Far Forward Blood
- Portable Lab Diagnostics: Novel concepts for portable and environmentally stable far forward laboratory diagnostics.
 - Resuscitation
 - Biological
 - Occupational and Environmental Health (OEH) Hazards

CAPABILITY AREAS OF INTEREST



- Force Health Protection and Environmental Medicine: Techniques, therapeutic measures and materiel to ensure sustained human performance and effectiveness while operating in harsh environmental conditions
 - Optimal Acclimatization Strategy
 - High Altitude Pulmonary Edema / High Altitude Cerebral Edema
 - Chemical, Biological, Radiological, Nuclear and Explosive (CBRNE) Rapid Diagnostics, Treatment and Prophylaxis
 - Patient Decontamination
 - Universal Antivenin
- Medical Simulation and Training Technologies: Improved pre-hospital combat casualty training with an emphasis on the SOF pre-hospital providers.

CAPABILITY AREAS OF INTEREST



- Extended Care: Medical techniques, drugs, biologics, and field sustainable, rapidly deployable materiel for extended care beyond trauma resuscitation and in disease endemic areas where casualty evacuation is delayed or unavailable.
- Canine Medicine: Alternatives and/or new approaches to preserve and enhance SOF canine combat performance.
 - Trauma Resuscitation
 - Non-Traditional Anesthesia Protocols
 - Environmental Extremes
 - Pre and Post Trauma Training/Behavioral Issues
 - Sensory Optimization and Protection